IAP3 Rec'd PET/PTC 13 JAN 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

plication No.:

10/534,082

Filed:

05/05/05

1st Inventor:

HINUMA, Shuji

For:

Novel FPRLI Ligands and Use Thereof

Atty. Dkt. No.

3118 US0P

Art Unit:

tba

tba

Examiner:

Allowed:

Batch:

Paper No.:

CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR 1.10

USPS EXPRESS MAIL LABEL. No. EV 684083900 US

DATE IN:

January 12, 2006

3

Itemized Papers/Items:

- 1. This Certificate of Express Mailing and Return Postcard and (2 pages)
- 2. Transmittal Form (1 page X 2)
- 3. Response to Notice of Missing Requirements and Notice to Comply with Sequence Listing Requirements (2 pages), Submission of written Sequence Listing (10 pages), IBM PC/AT format disk containing the CRF of the Sequence Listing, and copy of Notification of Missing Parts (6 pages)
- 4. Copies of previously submitted statement of Submission of Executed Declaration (1 page); executed Declaration (7 pages); fee transmittal form (1 page); transmittal form (1 page); Express Mail Receipt (1 page); stamped received postcard (1 page; Certificate of Express Mailing (1 page)

The undersigned hereby certifies that the above itemized papers are together being deposited with the Express Mail Post Office to Addressee service of the United States Postal Service (USPS) in an envelope with sufficient postage, having the USPS Express Mail Label No. shown above, and addressed to:

MAIL STOP MISSING PARTS
Commissioner for Patents

P.O. Poy 1450

P.O. Box 1450

Alexandria, VA 22313-1450

on this date, 1/12/06

Dated: 1/12/06

Gail L. Winokur

Takeda Pharmaceuticals North America, Inc. Intellectual Property Department 475 Half Day Road Lincolnshire, IL 60069 USA

. (3)

14N 1 2 2006

PTO/SB/21 (09-04) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. Application Number 10/534,082 TRANSMITTAL Filing Date 05/05/05 First Named Inventor **FORM** HINUMA, Shuji Art Unit tba **Examiner Name** tba (to be used for all correspondence after initial filing) Attorney Docket Number 3118 US0P Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication to TC Fee Transmittal Form Drawing(s) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC Petition Amendment/Reply (Appeal Notice, Brief, Reply Brief) Petition to Convert to a After Final **Provisional Application** Proprietary Information Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Identify **Terminal Disclaimer Extension of Time Request** below): Return Postcard; Cert. of Exp. Mailing; Request for Refund Express Abandonment Request Written Seq. Listing; CRF of Seq. Listing; Copy of Notification; CD, Number of CD(s) Information Disclosure Statement Copies of previously submitted documents Landscape Table on CD Certified Copy of Priority Remarks Document(s) The Commissioner is hereby authorized to charge any additional fees which may be required. or credit any overpayment to Deposit Account 500799. Reply to Missing Parts/ / Incomplete Application Reply to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Name Signature Printed name Mark Chao Date Reg. No. 1/12/2006 37,293 **CERTIFICATE OF TRANSMISSION/MAILING** I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class-mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below: Expre Signature Date 1/12/2006 Gail L. Winokur Typed or printed name

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Expres mail no. EV 684 083 900 45

IN THE UNITED STATES PATENTAND TRADEMARK OFFICE

JAN 1 2 2006

Application No.:

10/534,082

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1st Inventor:

HINUMA, Shuji

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3118 US0P

Art Unit:

tba

Examiner:

tba

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Batch:

Paper No.:

Response to Notice of Missing Requirements and
Notice to Comply with Sequence Listing Requirements

MAIL STOP FORMALITIES

Commissioner for Patents P.O. Box 1450 Arlington, VA 22313-1450

Sir:

In response to the Notice of Missing Requirements mailed 01/05/06, and to comply with the current sequence listing rules.

REMARKS

1. Oath or Declaration of Inventors

Applicants have previously submitted a copy of the executed Declaration of Inventors identifying the priority documents by serial number and filing date by Express Mail on 12/12/05.

Applicants herewith provide a new copy of the executed Declaration, along with a copy of the certificate of mailing and Express Mail receipt and USPTO date stamped return postcard acknowledging receipt.

The Commissioner is authorized to charge any appropriate fees to the Applicant's USPTO Deposit Account 500799.

2. Sequence Listing Errors in CRF

Applicants respectfully submit, along with a copy of the Notice, a substitute written Sequence Listing and a DOS Text CRF Sequence Listing file "3118us0p.seq.txt" on the enclosed 3.5" IBM PC/AT computer disk.

Please substitute the Written Sequence Listing for the Sequence Listing as filed.

Applicants have corrected SEQ ID NO.: 2 in the CRF to include a missing LYS at position 144, which was inadvertently left out.

The full amino acid sequence for SEQ ID NO.: 2 is shown on Page 2 of the Written Sequence listing as originally filed. Further support for this is found in SEQ ID NO.: 3, which is now formatted using PATENTIN 3.0 to concurrently show the translated amino acid sequence, which is SEQ ID NO.: 2.

Applicants have inserted the current application data to the sequence listing heading, and the current docket number for identification purposes.

The undersigned hereby certifies that the CRF and the written Sequence Listing are the same in content. The substitute Sequence Listing contains no new matter.

Respectfully submitted,

Dated: January 11, 2006

(847)383-3372 (847)383-3391 Mark Chao, Ph.D., Reg. No. 37,293

Elaine M. Ramesh, Ph.D., Reg. No. 43032

Attorney for Applicants Customer No. 23115

Takeda Pharmaceuticals North America, Inc. Intellectual Property Department 475 Half Day Road Lincolnshire, IL 60069 USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/534,082

Filed:

05/05/2005

1st Inventor:

S. Hinuma

For:

Novel FPRLI Ligands and Use Thereof

Atty. Dkt. No.

3118 US0P

Art Unit:

tba

Examiner:

tba

Allowed:

Batch:

Paper No.:

Submission of Executed Declaration

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants herewith submit a true and correct copy of the duly executed Declaration of the inventors for the above-identified application.

Also enclosed is a true and correct copy of the Assignment, and Assignment Recordation Cover Sheet.

Applicants herewith authorize the Commission to charge the Applicants' USPTO deposit account No. 500799 for any fees deemed appropriate.

Should the Examiner believe that a conference with applicants' attorney would advance prosecution of this application, he is respectfully requested to call applicants' attorney at (847) 383-3372.

Dated: December 22005

(847) 383-3372

(847) 383-3391

Respectfully submitted,

Mark Chao, Ph.D., Reg. No. 37,293

Elaine M. Ramesh, Ph.D., Reg. No. 43,032

Attorney for Applicants Customer No. 23115

Takeda Pharmaceuticals North America, Inc. Intellectual Property Department 475 Half Day Road . Lincolnshire, IL 60069 USA

DUPLICATE

UPLICATE

PATENT AND TRADEMARK OFFICE JAN 1 2 2006

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. See 1450 Alexandria, Virginia 22313-1450 www.uspto.gov

U.S. APPLICATION HANDER NO. 10/534,082

FIRST NAMED APPLICANT

ATTY. DOCKET NO.

Shuji Hinuma

3118 US0P

INTERNATIONAL APPLICATION NO.

PCT/JP03/14138 I.A. FILING DATE

PRIORITY DATE

11/06/2003

11/07/2002

TAKEDA PHARMACEUTICALS NORTH AMERICA, INC INTELLECTUAL PROPERTY DEPARTMENT 475 HALF DAY ROAD SUITE 500 LINCOLNSHIRE, IL 60069

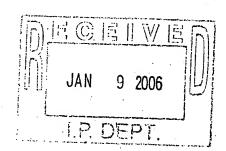
CONFIRMATION NO. 9415 371 FORMALITIES LETTER OC000000017760283

Date Mailed: 01/05/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/05/2005
- English Translation of the IA filed on 05/05/2005
- Copy of the International Search Report filed on 05/05/2005
- Copy of IPE Report filed on 05/05/2005
- Preliminary Amendments filed on 05/05/2005
- Information Disclosure Statements filed on 05/05/2005
- Biochemical Sequence Diskette filed on 05/05/2005
- Biochemical Sequence Listing filed on 05/05/2005
- U.S. Basic National Fees filed on 05/05/2005
- Priority Documents filed on 05/05/2005
- Specification filed on 05/05/2005
- Claims filed on 05/05/2005
- Abstracts filed on 05/05/2005
- Drawings filed on 05/05/2005
- Paper nucleotide sequence listings filed on 05/05/2005



The following items MUST be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- A copy of the "Sequence Listing" in computer readable form has been submitted. However, the content of the computer readable form does not comply with the requirements of 37 CFR 1.822 and/or 1.823, as indicated on the attached copy of the marked -up "Raw Sequence Listing." Applicant must provide a

substitute computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d).

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ ebc@uspto.gov

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

A copy of this notice MUST be returned with the response.

INDIA L EVANS

Telephone: (703) 308-9140 EXT 212

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.		
10/534,082	PCT/JP03/14138	3118 US0P		

FORM PCT/DO/EO/905 (371 Formalities Notice)

DUPLICATE

PTO/SB/17 (10-04)
Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE of a collection of information unless it displays a valid OMB control number.

Complete if Known

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCI Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

Charge fee(s) indicated below Credit any overpayments 1812 2,520 1812 2,520 1812 2,520 1814 2,520	FEE IRANSMITTAL		Application Number		r 10/53	10/534,082			
Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (check all that apply) FEE CALCULATION (continued)			Filing Date		05/05	05/05/2005			
Applicant claims small entity status. See 37 CFR 1.27 TOTAL AMOUNT OF PAYMENT (\$) 130.00			First Named Inventor		or S. Hir	S. Hinuma			
TOTAL AMOUNT OF PAYMENT (\$) 130.00	Effective 10/01/2004. Patent fees are subject to annual revision.		Examiner Name t		tba		4		
METHOD OF PAYMENT (check all that apply) □ Check □ Credit card □ Money □ Cther □ None □ Check □ Credit card □ Money □ Cther □ None □ Code (\$) □ Charge Entity □ Small Entity □ Charge any additional fee(s) or any underpayment of fee(s) □ Charge fee(s) indicated below. except for the filing fee □ the above-dending despoil account. □ FEE CALCULATION □ Charge fee(s) indicated below. except for the filing fee □ to the above-dending despoil account. □ Salor Filing FeE □ Large Entity □ Small Entity □ Charge any additional fee(s) or any underpayment of fee(s) □ Charge fee(s) indicated below. except for the filing fee □ to the above-dending despoil account. □ Salor Filing FeE □ Large Entity □ Small Entity □ Charge any additional fee(s) or any underpayment of fee(s) □ Charge fee(s) indicated below. except for the filing fee □ to the above-dending despoil account. □ Salor Filing FeE □ Large Entity □ Small Entity □ Charge fee(s) indicated below. except for the filing fee □ to the above-dending despoil account. □ 1501 1,800	Applicant claims small entity status. See 37 CFR 1.27		Art Unit		tba	tba			
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**or number previously paid, if greater; For Reissues, see above Reduced by Basic Filling Fee Fail SUBTOTAL (3) (\$) 130.00 SUBMITTED BY (Complete (if applicable)) Name (Print/Type) Mark Chao Ph.O. (Attorney/Agent) 37,293 Telephone 847-383-3372 And Chao Ph.O. (Attorney/Agent) 37,293 Telephone 847-383-3372	SUBTOTAL (2) (\$)						<u> </u>		
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(Attorney/Agent) S7,295 (Attorney/Agent)									
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	Signature Date 12/2/ex					P			

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

DUPLICATE

PTO/SB/21 (09-04)
Approved for use through 07/31/2006, OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no person	ns are required to respond to a coll	atent and Trademark Office, U.S. DEPART MENT OF COMMERCE ection of information unless it displays a valid OMB control number.				
	Application Number	10/534,082				
TRANSMITTAL	Filing Date	05/05/2005				
FORM	First Named Inventor	S. Hinuma				
	Art Unit	tba				
(to be used for all correspondence after initial filing)	Examiner Name	tba				
	Attorney Docket Number	3118 US0P				
Total Number of Pages in This Submission						
ENC	LOSURES (Check all	that apply)				
		Other Enclosure(s) (please Identify below): Return Postcard; Cert. Express Mailing; Copy of Executed Declaration Copy of Executed Assignment + Cover Sheet Statement of Submission ed to charge any additional fees which may be required,				
SIGNATURE	OF APPLICANT, ATTO	RNEY, OR AGENT				
Firm Name Signature	2					
Printed name Mark Chao, Ph.D., JD						
Date 12/11/97	T	Reg. No. 37,293				
CERTIFICATE OF TRANSMISSION/MAILING I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:						
Signature Skul L. Sinakur						
Typed or printed name Gail L. Winokur		Date /2/12/05				

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Express Mail EV 617428041 US

Art Unit: Application No.: 10/534,082 Filed: 05/05/2005 Examiner: 1ª Inventor. S: Hinuma Allowed: For: Novel FPRLI Ligands and Use Thereof Batch: 3118 USOP Atty Dkt. No Paper No.

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Respectfully submitted 12/12/05 For Customer No. 23,115 Express Mail Label No. EV 617428041 US By Mark Chao, PhD, JD - Reg. No. 37,293

Application No.: 10/534,082 Art Unit: Filed: 05/05/2005 1s Inventor: Examiner: tba S. Hinuma Allowed: -For: Novel FPRLI Ligands and Use Thereof Batch: Atty Dkt. No. 3118 USOP Paper No.:

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IAP4 Rec'd PCT/PTO 12 DEC 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.:

10/534,082

Filed:

05/05/2005

1st Inventor:

S. Hinuma

For:

Novel FPRLI Ligands and Use Thereof

Atty. Dkt. No.

3118 US0P

Art Unit:

tba

Examiner:

tba

Allowed:

Batch:

Paper No.:

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